



Optical monitoring and control system for oil combustion

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Abstract of EP0967440

Methods and apparatus are presented for monitoring and/or controlling liquid fuel burners. Observed flame radiation can be correlated with the quality of liquid fuel atomization and with burner operating conditions such as stoichiometry or firing rate. This information can then be used for monitoring the status of the burner operating conditions or be used in a feedback loop for liquid fuel burner control.

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